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Amendments to the Claims

Please cancel Claims 8, 10, 12, 16, 20, 45 and 59-61. Please amend Claims 7, 9, 11, 13, 22, 44, 46, 54, 55 and 58. Please add new Claims 62 - 64. The Claim Listing below will replace all prior versions of the claims in the application:

Claim Listing

- 1-6. (Withdrawn)
7. (Currently amended) An isolated nucleic acid molecule which encodes a human CD2BP2 protein comprising SEQ ID NO: 2, ~~or a fragment of said protein~~ having biological activity of ~~polypeptides of SEQ ID NO: 3 or SEQ ID NO: 9~~ binding to a CD2 molecule, or the complement of said nucleic acid molecule.
8. (Cancelled)
9. (Currently amended) An isolated nucleic acid molecule of Claim 7, wherein said nucleic acid molecule has the same nucleotide sequence as endogenous human coding regions ~~gene~~ encoding a protein of SEQ ID NO: 2, or a complement of said nucleic acid molecule.
10. (Cancelled)
11. (Currently amended) An isolated nucleic acid molecule comprising a nucleotide sequence encoding the amino acid sequence of SEQ ID NO: 3, or a complement of said nucleic acid molecule.
12. (Cancelled)

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13. (Currently amended) An isolated nucleic acid molecule consisting of a nucleotide sequence encoding the amino acid sequence of SEQ ID NO: 10, or a complement of said nucleic acid molecule.
14. (Original) A nucleic acid construct comprising the isolated nucleic acid molecule of Claim 7 operably linked to a regulatory sequence.
15. (Original) A nucleic acid construct comprising the isolated nucleic acid molecule of Claim 11 operably linked to a regulatory sequence.
16. (Cancelled)
17. (Original) A nucleic acid construct comprising the isolated nucleic acid molecule of Claim 13 operably linked to a regulatory sequence.
18. (Original) A recombinant host cell comprising the nucleic acid construct of Claim 14.
19. (Original) A recombinant host cell comprising the nucleic acid construct of Claim 15.
20. (Cancelled)
21. (Original) A recombinant host cell comprising the nucleic acid construct of Claim 17.
22. (Currently amended) A method for preparing a human protein of SEQ ID NO: 2, or a fragment thereof, wherein said fragment has biological activity of ~~polypeptides of SEQ ID NO: 3 or SEQ ID NO: 9~~ binding to a CD2 molecule, comprising culturing the recombinant host cell of Claim 18.
- 23 - 43. (Withdrawn)

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44. (Currently amended) An isolated recombinant nucleic acid molecule comprising a first nucleic acid molecule and a second ~~nucleotide sequence~~ nucleic acid molecule encoding the amino acid sequence of SEQ ID NO: 3, wherein ~~[[said]]~~ the first nucleotide sequence and the second nucleic acid molecules ~~[[is]]~~ are heterologous, or a complement of the recombinant nucleic acid molecule.
45. (Cancelled)
46. (Currently amended) An isolated recombinant nucleic acid molecule comprising a first nucleic acid molecule and a second ~~nucleotide sequence~~ nucleic acid molecule encoding the amino acid sequence of SEQ ID NO: 10, wherein ~~[[said]]~~ the first nucleotide sequence and the second nucleic acid molecules ~~[[is]]~~ are heterologous, or a complement of the recombinant nucleic acid molecule.
- 47-53. (Withdrawn)
54. (Currently amended) An isolated nucleic acid molecule consisting of a nucleotide sequence encoding the amino acids 1 through 7 of SEQ ID NO: 22, or a complement of said nucleic acid molecule.
55. (Currently amended) An isolated nucleic acid molecule which encodes a polypeptide consisting of a fragment of human protein of SEQ ID NO: 2 ~~[[,]]~~ that comprising comprises a polypeptide ~~consisting of an amino acid sequence selected from the group consisting of SEQ ID NO: 3 and SEQ ID NO: 9,~~ or the complement of said nucleic acid molecule.
56. (Previously presented) A nucleic acid construct comprising the isolated nucleic acid molecule of Claim 55 operably linked to a regulatory sequence.

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57. (Previously presented) A recombinant host cell comprising the nucleic acid construct of Claim 55.
58. (Currently amended) A method for preparing a polypeptide consisting of a fragment of a human protein of SEQ ID NO: 2, wherein said fragment comprises a polypeptide ~~consisting of an amino acid sequence selected from the group consisting of SEQ ID NO: 3 and SEQ ID NO: 9~~, said method comprising a step of culturing a recombinant host cell of Claim ~~[[55]]~~ 57.
- 59-61. (Cancelled)
62. (New) An isolated nucleic acid molecule comprising the nucleotide sequence of SEQ ID NO: 1, or a complement thereof.
63. (New) An isolated nucleic acid molecule encoding a polypeptide consisting of a fragment of SEQ ID NO: 2 having biological activity of binding to a CD2 molecule, or a complement of said nucleic acid molecule.
64. (New) An isolated nucleic acid molecule encoding a polypeptide consisting of a fragment of SEQ ID NO: 2 that comprises SEQ ID NO: 3, having biological activity of binding to a CD2 molecule, or a complement of said nucleic acid molecule.